Elytra, *Tokyo*, **37**(2): 287–288, November 14, 2009

Megabostrichus imadatei CHÛJÔ, 1964 (Coleoptera, Bostrichidae), a New Synonym of *Phonapate fimbriata* LESNE, 1909

Jerzy BOROWSKI[1] **and Piotr WĘGRZYNOWICZ**[2]

[1] Department of Forest Protection and Ecology, Warsaw University of Life Sciences, Nowoursynowska 159/34, 02–776 Warsaw, Poland
e-mail: jerzy_borowski@sggw.pl
[2] Museum and Institute of Zoology, Polish Academy of Sciences, Warsaw, Wilcza 64, 00–679 Warsaw, Poland
e-mail: piotr@miiz.waw.pl

Michio CHÛJÔ, an eminent Japanese entomologist, described in Part III of the "Coleoptera from Southeast Asia" in 1964, new genus and species of a beetle belonging to the family Bostrichidae. He named it *Megabostrichus imadatei*. The comprehensive description was based on a single specimen (male, according to CHÛJÔ) collected in Thailand, and complemented with two photos. Attached photos show that the described genus and species probably belong to the tribe Apatini (subfamily Apatinae), but not to Bostrichini (subfamily Bostrichinae) as classified by the author of the original description. Unfortunately, photos are not sharp enough to clearly define the exact systematic position of this bostrichid. CHÛJÔ suggested that *Megabostrichus* is similar to the following genera: *Heterobostrychus*, *Lichenophanes* and *Bostrichopsis* (now *Dominikia*). Following his opinion, without supporting evidence, we placed in our catalogue (BOROWSKI & WĘGRZYNOWICZ, 2007) the above-mentioned genus to the tribe Bostrichini. Exept for the catalogue, there have been no other records of this species.

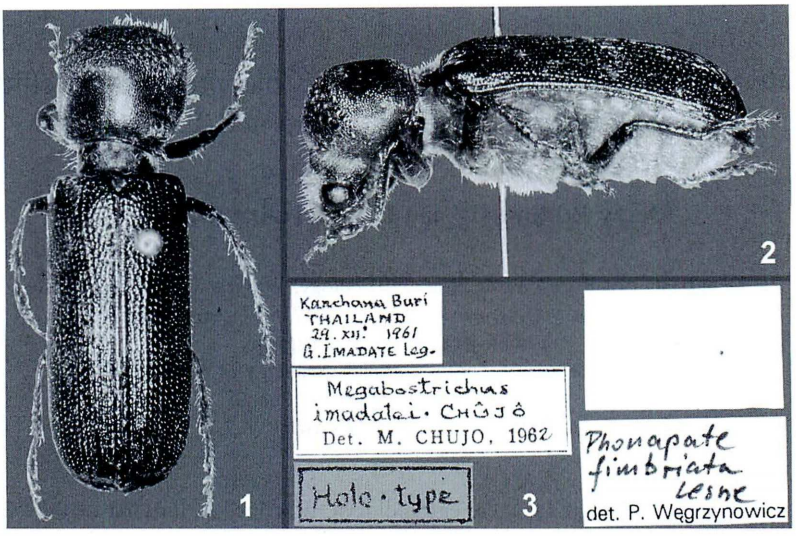
Thanks to the kindness of Dr. Satoshi KAMITANI of the Entomological Laboratory, Faculty of Agriculture of the Kyushu University, Fukuoka, we had a chance to examine the holotype of *Megabostrichus imadatei* (Figs. 1–2). After the careful examination of the holotype, our suspicion of the wrong placement of the genus was confirmed and we were able to secure its systematic position belonging to the tribe Apatini (subfamily Apatinae). Moreover, the type specimen is, in fact, the species *Phonapate fimbriata* LESNE, and it is female, and not a male, as erroneously stated by CHÛJÔ.

Phonapate fimbriata, described by Pierre LESNE in 1909, is a rather common species distributed in India, south China, Vietnam, and Indonesia (Celebes) (BOROWSKI & WĘGRZYNOWICZ, 2007). The type locality of *M. imadatei*, Kanchana Buri (Thailand) is a new record for *Ph. fimbriata*.

Genus *Phonapate* LESNE, 1895

Phonapate LESNE, 1895, 178. Type secies: *Apate uncinata* KARSCH, 1881 (=*Apate nitidipennis* WATERHOUSE, 1881), subsequent designation by VRYDAGH, 1961.

Megabostrichus CHÛJÔ, 1964, 206. Type species: *Megabostrichus imadatei* CHÛJÔ, 1964 (=*Phonapate fimbriata* LESNE, 1909), by original designation. **Syn. nov.**



Figs. 1–3. Holotype of *Megabostrichus imadatei* CHÛJÔ (=*Phonapate fimbriata* LESNE). —— 1, habitus, dorsal view; 2, habitus, lateral view; 3, labels.

Phonapate fimbriata LESNE, 1909

Phonapate fimbriata LESNE, 1909, 568.

Megabostrichus imadatei CHÛJÔ, 1964, 208. **Syn. nov.** Holotype (examined): "Kanchana Buri THAILAND 29.XII.1961 G. Imadate leg.", "*Megabostrichus imadatei* Chûjô Det. M. Chûjô 1962", "[blank bleu label]", "Holo type", "*Phonapate fimbriata* Lesne det. P. Węgrzynowicz".

Distribution. India, south China, Vietnam, Thailand (new record), Indonesia (Celebes).

We would like to thank to Dr. Satoshi KAMITANI (Entomological Laboratory, Faculty of Agriculture of the Kyushu University, Fukuoka) for providing us with the holotype of *Megabostrichus imadatei*. Special thanks are due to Professor Masahiro ÔHARA (The Hokkaido University Museum, Sapporo) and Dr. Munetoshi MARUYAMA (Kyushu University Museum, Fukuoka) for their kind help. Grammatical revision of this manuscript was provided by Tomáš Lackner (The Hokkaido University Museum, Sapporo). This publication has been supported by the grant N N 309 137135 given by the Ministry of Science and Higher Education, Poland.

References

BOROWSKI, J., & P. WĘGRZYNOWICZ, 2007. World Catalogue of Bostrichidae (Coleoptera). 247 pp., 8 plates, Mantis, Olsztyn.

CHÛJÔ, M., 1964. Family Bostrichidae. pp. 201–215. *In* KIRA, T., & T. UMESAO (eds.), *Nature and Life in Southeast Asia*, **3**. Coleoptera from Southeast Asia (III). pp. 161–315, 27 plates. Kyoto.

LESNE, P., 1895. Descriptions de generes nouveaux et d'espèces nouvelères de la famille des Bostrichides. *Ann. Soc. ent. France, Paris*, **64**: 169–178.

———— 1909. Revision des Coléoptères de la famille des Bostrichides. *Ibid.*, **78**: 471–574+plates 13–17.

VRYDAGH, J. M., 1961. Contribution a l'étude des *Bostrychidae*. No 28. – Étude des types de FAHRAEUS, désignation de Lectotypes. *Bull. Inst. royal Sci. nat. Belg., Bruxelles*, **37**: 1–10.